

COMPOSITION FOR WOUND COATING MATERIAL

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Inventor(s): TANI KAZUO
Applicant(s): NIPPON B X I KK
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Abstract

PURPOSE:To obtain a composition for wound coating material having excellent transparency and adaptability to wound part, comprising a hydrous complex consisting essentially of a polymeric polysaccharide and a polymer of an acrylic derivative.

CONSTITUTION:100 pts.wt. polymer of an acrylic derivative (e.g. polyacrylamide) is blended with 10-30 pts.wt. polymeric polysaccharide (e.g. agar) and water to give a hydrous complex, which is used as a main component and mixed with a proper amount of sodium chloride and optionally a disinfectant and formed into a film to give the objective material. Since the composition for wound coating material is transparent, wound part can readily be observed by the naked eye. The composition for wound coating material can be detached without pain because the composition is not attached to wound part and the affected part. The composition for wound coating material has permeability to medicines, salt, etc., can dissolve and permeate oxygen, etc., and transmit secretion and protein of organism. The composition for wound coating material will not permeate bacteria, is completely harmless to human body, has not allergy and is extremely excellent totally.

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